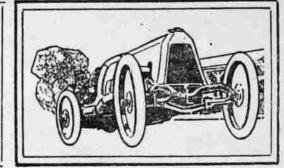


The Ogden Standard-Examiner AUTOMOBILE SECTION

Kinds of Tires



INVENTS NEW

Automatically Registers Air Pressure in Auto Tire; De-

by continually using them in an under-inflated condition. This method according to reliable statistics cost the American public more than \$300,-000,000 last year. A nice little bill due entirely to the fact that there was no reliable means of knowing just what pressure the tire was carrying. But thanks to a new invention, patented by Dex B. Ellis of Ogden, all this expense and annoy nce is to be done away with. Mr. Ellis has invented a device which lits over the valve stem of any make of automobile pneumatic tire and which projects through the demountable rim. end wheel felly and shows above in such manner that the pressure of tire is indicated accurately by large, readable figures on a brass tube. The pressure of the tire, in fact, is as device is made of brass throughout, no glass, celluloid or other breakable material enters into its makeup. In fact, the gauge will outlast the life of any automobile, and is not effected in the least by mud, water or any foreign substance, and will stand as much rough handling as the car it-self. It is entirely automatic in its action and requires no attention from the autoist at any time. It can be truly said that necessity was the mother of this invention, and like all inventions that are really worth while, it is the idea that counts really more than the device itself.

Mr Ellis is desirous of placing the device on the market at once and

extends an invitation to any manufacturer of reliable standing to communicate with him regarding the production and sale of the gauge. "The gauge can be applied to any pneumatic tire within ten minutes and the tire may be removed from the demountable rim or wheel without the necessity of removing nuts, caps or anything as a matter of fact," said Mr. Ellis. "It is simple, being built on an entirely new principle. It will register the control of the register the air pressure absolutely accurately and is set in such a position over the top of the felly of the wheel that it is in plain view at all times. It is small, strong and compact and adds rather than detracts from the appearance of the wheel. It will be possible to make installations on cars in and around Weber county possibly as early as September. I have orders for more than 600 sets of gauges at this time from car owners in this vicinity, and of course, use every endeavor to have them placed on the market as soon as possible. Those who are interest ed in this automatic tire saving de-

PROHIBITION

Says Local Dealer

AUTO IMPORTANT TIRES CONFUSE BUSINESS NOW IS BLESSING FARMING FACTOR

Sold to Farmers

"It's an ill wind that blows nobody Farm could nowadays demands Owners of motor trucks on which

MOTORISTS FAIL DEMANDS AUTO

to Tranact Business

"Accustomed as the average owner

Pressure in Aulto Title: Device Big Saving to Autoists.

There is always concellular, new Thousands of Americans are continued by the properties of the computing and the properties of the properties of the computing and the properties of the production of the properties of the computing and the properties of the production of the properties of the computing and the properties of the production of of the prod

IN HILL CLIMBS

Car in Hill Climbs

"How steep is the grade on this my good, and prohibition may prove an automobile, one or more, to be pneumatic fire equipment is being is to depend on his automobile, it road? Well-I should say that it is ness man makes an investment in blessing in disguise to the motorist complete. In the early days of the used are subjected to some confusion would be hard for him to figure out all of thirty or thirty-five per cent. volving anywhere from \$1,000 to \$5.

Alcohol Can Be Readily Con- Forty-five Per Cent of Coun- Owners Anxious to Familiarize Average Business Man Must Have Modern Automobile Proper Means of Handling tures to Explain in Selling Car to New Owner

When the average American busi-

no matter where it is to be used it should have a modest turn of speed good acceleration and flexibility. This latter qualification means that it must be able to throttle down to a slow speed while in high gear and must also be able to travel fast. A range of speed on high gear of from four miles an hour to sixty would be good flexibility. These three factors and the hill-climbing ability of the car should be brought out in the road demonstration, and a motorist of experience should be in the car with the intending buyer, unless he is a veteran, to make sure the vehicle meets all these conditions.

And now we come to the vitally im-portant matters that lurk under the hood. It should be ascertained that all the parts, particularly those that are certain to need cleaning or adjust-ment, are easily accessible. Are the oil and grease curs easily resched for

ment, are easily accessible. Are the oil and grease cups easily reached for adjustment and refilling? Can the differential housing be reached to drain flush, and refill it at all intervals when this is necessary? Are the brake adjustments easy to make?

Getting down to the more technical details of the mechanism, it should be ascertained that the car under consideration embodies parts that are hig enrugh for the work they are called utten to perform. This applies to gears, hearings, shafts and similar parts. Obviously, determination of these is beyond the average car buyer, especially if it is his first car. Inquire about among owners of the car in your neighborhood. See if there is a general or frequent complaint of a certain failure or breakage. If there is, you may put it down that the vehicle has a structural weakness.

Wheel Duty Important **Factor in Auto Driving**

Every motorist knows that the wheels are subject to thousands of road jolts in every mile traveled, that they withstand enormous side thrust on every trip, that they work constantly insofar as they support the weight of the car at all times; still, the fact that they never "kick up a fuss" really keeps a true appreciation of wheel duty ind uplicep in the background and prompts the motorist to pass the wheel without examination when he makes a inspection of his car.

Considering that wood wheels are working parts, and their duty is a grueling one, this is hardly fair. The scratch that develops rust on another part of the car is quickly painted over. But how about the scratches that expose the grain of a wood wheel to the elements? They are rarely attended to, even tho a little daub of paint, or varnish in case the color cannot be matched, will help to preserve the wood.

Very little attention is necessary when the same examined, it only takes a moment to glance at the wheels. If the hub bolts require setting up, a few minutes and a handy wrench are all that is necessary.—Motor Life,

are all that is necessary .- Motor Life,

The allower for the same of the first al Automatic Air Pressure Register Gauge

Cannot leak air. Registers accurately from 25 to 125 pounds. Can be applied to any make of tire. Will outlast life of any car. Cannot fail to work under any and all conditions. Always in plain view. You can see the pressure of your tire at all times as easily as you can see time itself.

No bolts, nuts, caps---nothing to remove when inflating or removing tire for repairs.

This guage is made entirely of brass, has no celluloid, glass or other breakable material of any nature. Can be adjusted to fit any tire madeand is altogether automatic in its action. It will save one-half the cost of tire bills, if you watch the gauge and keep your tire at proper pressure at all times, which is easy because you can see tire air pressure at any time.

Any large, responsible concern is invited to communicate with Dex B. Ellis, 770 24th street, Ogden, Utah, regarding manufacture and sale of this device.

> DEX B. ELLIS, Inventor Munn & Company, Attorneys, Washington, D. C.